

V. Balasubramanian

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	Feb 24	PCTGEN now available on STN
NEWS	4	Feb 24	TEMA now available on STN
NEWS	5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26	PCTFULL now contains images
NEWS	7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	8	Mar 24	PATDPAFULL now available on STN
NEWS	9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11	Display formats in DGENE enhanced
NEWS	11	Apr 14	MEDLINE Reload
NEWS	12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	13	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	15	Apr 28	RDISCLOSURE now available on STN
NEWS	16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	19	May 19	Simultaneous left and right truncation added to WSCA
NEWS	20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	22	Jun 06	PASCAL enhanced with additional data
NEWS	23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS	24	Jun 25	HSDB has been reloaded
NEWS	25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS	26	Jul 21	Identification of STN records implemented
NEWS	27	Jul 21	Polymer class term count added to REGISTRY
NEWS	28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS EXPRESS			April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
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FILE COVERS 1907 - 28 Jul 2003 VOL 139 ISS 5
FILE LAST UPDATED: 27 Jul 2003 (20030727/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s micromixing
L1 766 MICROMIXING

=> s triazine
L2 36350 TRIAZINE

=> s l1 and l2
L3 0 L1 AND L2

=> s phase
L4 1427873 PHASE

=> s l4 and separation
165181 SEPARATION
L5 31887 L4 AND SEPARATION

=> s l1 and l5
L6 1 L1 AND L5

=> d l6 bib abs

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:661308 CAPLUS

10/098,638

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DN 135:200543
TI Method for the preparation of microcapsules and nanocapsules by
micromixing technique
IN Lange, Ilona; Kirsten, Christian N.; Roth, Marcel
PA Henkel K.-G.a.A, Germany
SO PCT Int. Appl., 13 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064331	A1	20010907	WO 2001-EP2240	20010228
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE, TR				
	DE 10010194	A1	20010913	DE 2000-10010194	20000302
PRAI	DE 2000-10010194	A	20000302		
AB	The invention concerns the prepn. of cosmetic and pharmaceutical microcapsules and nanocapsules in a micromixing device under laminar flow conditions; the encapsulation is performed according to known methods, e.g. phase sepn., polymn., solvent evapn., hydrogel formation, using wax and lipid melts, etc. Applying the micromixing technique decreases the amt. of emulsifier or no emulsifier is required. Various substances are encapsulated by the method, e.g. cosmetics, enzymes, dietary supplements, adhesives, antibiotics, antimicrobial agents, fungicides, vitamins, cells, nucleic acids, etc. Thus for the encapsulation of .beta.-carotene in paraffin a heatable micromixer comprising a 25 .mu.m diam. mixing chamber capillary was used in conjunction with two HPLC pumps; flow rate was set to 10 mL/min. 0.5 G .beta.-carotene were dissolved in 50.0 g paraffin (m.p. 44-46.degree.C) at 60.degree.C; the soln. was mixed in the micromixer with water at a ratio 1:5 while maintaining 50.degree.C. The paraffin-water dispersion was pumped into 1 L ice water; the formed paraffin drops with the encapsulated paraffin were measured by dynamic light scattering; the particle size distribution was 30-140 .mu.m.				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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CA SUBSCRIBER PRICE	-0.65	-0.65

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